

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 2170   | (250/287,282,293,286).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:21 |
| L2    | 0      | ("20030085348" "4777363" "4950893" "5200614" "5455417" "5587581" "5789745" "5969349" "6020586" "6144029" "6300626" "6477907" "6521887" "6580068").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:21 |
| L3    | 28     | ((("20030085348") or ("4777363") or ("4950893") or ("5200614") or ("5455417") or ("5587581") or ("5789745") or ("5969349") or ("6020586") or ("6144029") or ("6300626") or ("6477907") or ("6521887") or ("6580068"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:30 |
| L4    | 128981 | (matthew nea1 griffin) or (jack near1 fulton) or (robert near1 mcatee)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:23 |
| L5    | 21854  | ((ion adj mobilite\$3 and spectromet\$4) or IMS) and ion and puls\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:31 |
| L6    | 487    | I5 and drift\$4 and scan\$4 and time   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:31 |
| L7    | 381    | I6 and period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:32 |
| L8    | 57     | I7 and repel\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:32 |

|     |      |                              |   |    |    |                  |
|-----|------|------------------------------|---|----|----|------------------|
| L9  | 44   | I8 and (spectrum or spectra) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:33 |
| L10 | 39   | I9 and detect\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:34 |
| L11 | 34   | I10 and frequenc\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:35 |
| L12 | 7    | I11 and signatur\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:53 |
| L13 | 0    | I12 and decomposit\$5        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:38 |
| L14 | 0    | I12 and ttl                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:38 |
| L15 | 2    | I11 and ttl                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:42 |
| L16 | 1366 | I5 and drift\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:43 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L17 | 637 | l16 and gas                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:44 |
| L18 | 595 | l17 and (voltage or potential)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:45 |
| L19 | 115 | l18 and (ion near4 gat\$4)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:47 |
| L20 | 89  | l19 and tim\$3 and period\$4                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:50 |
| L21 | 89  | l20 and puls\$4                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:51 |
| L22 | 86  | l21 and detect\$4                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:51 |
| L23 | 78  | l22 and control\$4 and (detect\$4 with ion) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:52 |
| L24 | 19  | l23 and repel\$4                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:52 |

|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| L25 | 7 | I24 and ((logic\$4 near4 process\$4) or computer or cpu or mainframe or processor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:53 |
| L26 | 2 | I25 and signatur\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:56 |
| L27 | 2 | I25 and static\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:58 |
| L28 | 0 | I25 and decompos\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:58 |
| L29 | 0 | I25 and decompos\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:59 |
| L30 | 5 | I25 and (averag\$4 or (standard near2 deviation) or covariance)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:21 |
| L31 | 3 | I30 and frequenc\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:12 |
| L32 | 0 | I30 and (neural near4 network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:02 |

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L33 | 0  | I30 and (TTL or transistor-transistor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:02 |
| L34 | 97 | I5 and (neural near4 network)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:13 |
| L35 | 97 | I5 and (neural near2 network)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:13 |
| L36 | 66 | I35 and signatur\$4                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:13 |
| L37 | 64 | I36 and known                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:25 |
| L38 | 11 | I37 and fuzzy                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:26 |
| L39 | 11 | I38 and identif\$5                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:18 |
| L40 | 11 | I39 and puls\$4                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:18 |

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L41 | 11 | l40 and scan\$4 and (time or timer or timing or timed)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:19 |
| L42 | 11 | l41 and ion and gat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:19 |
| L43 | 1  | l42 and wavelet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:21 |
| L44 | 11 | l42 and (averag\$4 or (standard near2 deviation) or covariance) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:22 |
| L45 | 11 | l44 and evaluat\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:23 |
| L46 | 0  | l45 and (detect\$4 with ion)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:23 |
| L47 | 11 | l45 and (detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:25 |
| L48 | 0  | l45 and (ion with detect\$4)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:24 |

|     |    |                                |   |    |    |                  |
|-----|----|--------------------------------|---|----|----|------------------|
| L49 | 0  | I45 and TTL                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:24 |
| L50 | 0  | I47 and I1                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:24 |
| L51 | 16 | I36 and (ion near1 mobilit\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:26 |
| L52 | 0  | I51 and fuzzy                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:26 |

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 2170   | (250/287,282,293,286).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:21 |
| L2    | 0      | ("20030085348" "4777363" "4950893" "5200614" "5455417" "5587581" "5789745" "5969349" "6020586" "6144029" "6300626" "6477907" "6521887" "6580068").PN.).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:21 |
| L3    | 28     | ((("20030085348") or ("4777363") or ("4950893") or ("5200614") or ("5455417") or ("5587581") or ("5789745") or ("5969349") or ("6020586") or ("6144029") or ("6300626") or ("6477907") or ("6521887") or ("6580068"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/25 19:30 |
| L4    | 128981 | (matthew nea1 griffin) or (jack near1 fulton) or (robert near1 mcatee)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:23 |
| L5    | 21854  | ((ion adj mobilite\$3 and spectromet\$4) or IMS) and ion and puls\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:31 |
| L6    | 487    | I5 and drift\$4 and scan\$4 and time   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:31 |
| L7    | 381    | I6 and period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:32 |
| L8    | 57     | I7 and repel\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/25 19:32 |



|     |      |                              |   |    |    |                  |
|-----|------|------------------------------|---|----|----|------------------|
| L9  | 44   | l8 and (spectrum or spectra) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:33 |
| L10 | 39   | l9 and detect\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:34 |
| L11 | 34   | l10 and frequenc\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:35 |
| L12 | 7    | l11 and signatur\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:53 |
| L13 | 0    | l12 and decomposit\$5        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:38 |
| L14 | 0    | l12 and ttl                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:38 |
| L15 | 2    | l11 and ttl                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:42 |
| L16 | 1366 | l5 and drift\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:43 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L17 | 637 | l16 and gas                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:44 |
| L18 | 595 | l17 and (voltage or potential)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:45 |
| L19 | 115 | l18 and (ion near4 gat\$4)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:47 |
| L20 | 89  | l19 and tim\$3 and period\$4                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:50 |
| L21 | 89  | l20 and puls\$4                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:51 |
| L22 | 86  | l21 and detect\$4                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:51 |
| L23 | 78  | l22 and control\$4 and (detect\$4<br>with ion) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:52 |
| L24 | 19  | l23 and repel\$4                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:52 |

|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| L25 | 7 | I24 and ((logic\$4 near4 process\$4) or computer or cpu or mainframe or processor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:53 |
| L26 | 2 | I25 and signatur\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:56 |
| L27 | 2 | I25 and static\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:58 |
| L28 | 0 | I25 and decompos\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:58 |
| L29 | 0 | I25 and decompos\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 19:59 |
| L30 | 5 | I25 and (averag\$4 or (standard near2 deviation) or covariance)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:21 |
| L31 | 3 | I30 and frequenc\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:12 |
| L32 | 0 | I30 and (neural near4 network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:02 |

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L33 | 0  | I30 and (TTL or transistor-transistor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:33 |
| L34 | 97 | I5 and (neural near4 network)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:13 |
| L35 | 97 | I5 and (neural near2 network)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:13 |
| L36 | 66 | I35 and signatur\$4                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:38 |
| L37 | 64 | I36 and known                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:25 |
| L38 | 11 | I37 and fuzzy                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:26 |
| L39 | 11 | I38 and identif\$5                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |
| L40 | 11 | I39 and puls\$4                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L41 | 11 | l40 and scan\$4 and (time or timer or timing or timed)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |
| L42 | 11 | l41 and ion and gat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:19 |
| L43 | 1  | l42 and wavelet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:21 |
| L44 | 11 | l42 and (averag\$4 or (standard near2 deviation) or covariance) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:29 |
| L45 | 11 | l44 and evaluat\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:23 |
| L46 | 0  | l45 and (detect\$4 with ion)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:31 |
| L47 | 11 | l45 and (detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:25 |
| L48 | 0  | l45 and (ion with detect\$4)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:24 |

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L49 | 0  | I45 and TTL  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:29 |
| L50 | 0  | I47 and I1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:24 |
| L51 | 16 | I36 and (ion near1 mobilit\$4)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:34 |
| L52 | 0  | I51 and fuzzy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:38 |
| L53 | 15 | I51 and (neural near network)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:27 |
| L54 | 15 | I53 and puls\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |
| L55 | 7  | I54 and scan\$4 and (time or timer or timing or timed) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |
| L56 | 7  | I55 and identif\$5                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:28 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L57 | 5   | I56 and (averag\$4 or (standard near2 deviation) or covariance)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:38 |
| L58 | 5   | I57 and period   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:29 |
| L59 | 0   | I58 and TTL  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:30 |
| L60 | 2   | I58 and repel\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:30 |
| L61 | 2   | I60 and (potential or voltage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:31 |
| L62 | 2   | I61 and (detect\$4 with ion)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:31 |
| L63 | 480 | I5 and (TTL or transistor-transistor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:33 |
| L64 | 0   | I63 and (ion near2 gat\$4) and (time or timer or timed or timing) and repel\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |

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|-----|----|---|---|----|----|------------------|
| L65 | 4  | l63 and (ion near1 mobilitt\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:48 |
| L66 | 41 | (neural near network\$3) and (ion near1 mobilitt\$4) and (detect\$4 with ion) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:37 |
| L67 | 20 | l66 and signatur\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |
| L68 | 0  | l67 and fuzzy   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |
| L69 | 14 | l67 and (averag\$4 or (standard near2 deviation) or covariance)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:39 |
| L70 | 12 | l69 and known   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:39 |
| L71 | 12 | l70 and compar\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:41 |
| L72 | 3  | l71 and l1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:41 |



|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L73 | 0  | I71 and I3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:41 |
| L74 | 12 | I71 and frequenc\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:42 |
| L75 | 54 | I5 and fuzzy   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |
| L76 | 21 | I75 and signatur\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |
| L77 | 0  | I76 and (ion near2 gat\$4) and<br>(time or timer or timed or timing)<br>and repel\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:47 |
| L78 | 2  | I76 and (ion near1 mobilit\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/25 20:48 |